



Engineering Approaches for Treatment of Spinal Cord Injuries

By Gilbert

Karger Okt 2016, 2016. Taschenbuch. Condition: Neu. Neuware - Spinal cord injury (SCI) remains a global concern for which there is no cure. This special issue of Cells Tissues Organs presents possible engineering approaches to circumvent various aspects of SCI. It presents topics related to bioelectric medicine and ultrasound as well as their potential ability to interface with or regenerate neural tissue. Additionally, several biomaterial-related issues are presented, including hydrogel selection with a special emphasis on swelling and intraspinal pressure, the use of nanoparticle technology in the spinal cord, and fibrous materials for neural stem cell implantation and drug delivery. Two ground-breaking articles highlight the importance of considering oligodendrocyte response in engineering approaches and modulation of the inflammatory response following SCI. Engineering Approaches to Spinal Cord Injuries is of special interest to clinicians who wish to translate up-and-coming research areas to the clinic, basic researchers collaborating with engineers, and the engineers themselves. The reader will become aware of promising approaches that may in the future become vital to the treatment of SCI. 136 pp. Englisch.



READ ONLINE
[1.77 MB]

Reviews

Complete guideline for ebook enthusiasts. It really is loaded with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Delilah Hansen**

Complete guide! Its this sort of good read. It is rally exciting through studying period. I am just pleased to explain how here is the very best publication i have go through inside my own existence and could be he very best publication for at any time.

-- **Adele Rosenbaum**

Relevant PDFs



Speak Up and Get Along!: Learn the Mighty Might, Thought Chop, and More Tools to Make Friends, Stop Teasing, and Feel Good about Yourself

Free Spirit Publishing Inc.,U.S. Paperback / softback. Book Condition: new. BRAND NEW, Speak Up and Get Along!: Learn the Mighty Might, Thought Chop, and More Tools to Make Friends, Stop Teasing, and Feel Good about Yourself, Scott Cooper, What if every kid...



Get Up and Go

Puffin. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 10.0in. x 7.7in. x 0.3in.We all come in different shapes and sizes, and it doesnt matter if you are tall, short, skinny, or round. Your body is your own, and you need to...



Hard Up and Hungry: Hassle Free Recipes for Students, by Students

Ebury Publishing. Paperback. Book Condition: new. BRAND NEW, Hard Up and Hungry: Hassle Free Recipes for Students, by Students, Betsy Bell, This student cookbook stands out from all the others on the market. It doesn't feature baked beans, and it's packed with...



Hurry Up and Slow Down

Oxford University Press. Paperback. Book Condition: new. BRAND NEW, Hurry Up and Slow Down, Layn Marlow, Hare is always raring to go. He races through the day while the ever-patient Tortoise does his best to keep up. Hare, it certainly seems to...



Horsey Up and Down

Scholastic US. Board book. Book Condition: new. BRAND NEW, Horsey Up and Down, Kei Bernstein, Caroline Jayne Church, An interactive opposite book from Caroline Jayne Church! Join two loveable kids as they gallop up, down, fast, and slow with horsey toys big...



There Is Light in You

Changing Minds Online, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.There is Light in You is a collection of bedtime stories written by women who have a...